

Campus Update

President Wayne Clough

Georgia Tech Research Corporation

December 9, 2003

State funds have been contracting...

- ⇒ Sustained \$24.3 million in cumulative cuts through FY 03 (11.3% of state funding)
 - ⇒ FY 04: \$4.3 million already cut; another 2.5% cut is now under way
 - ⇒ FY 05: potential 5% cut
 - ⇒ By end of FY 05, cuts could total \$45 million (21% of state funding)
- ... while enrollments have been increasing

Dramatic new facilities open

- ⇒ \$500 million in new and renovated facilities opened during the past year
- ⇒ Over 2 million square feet of new and renovated space became available



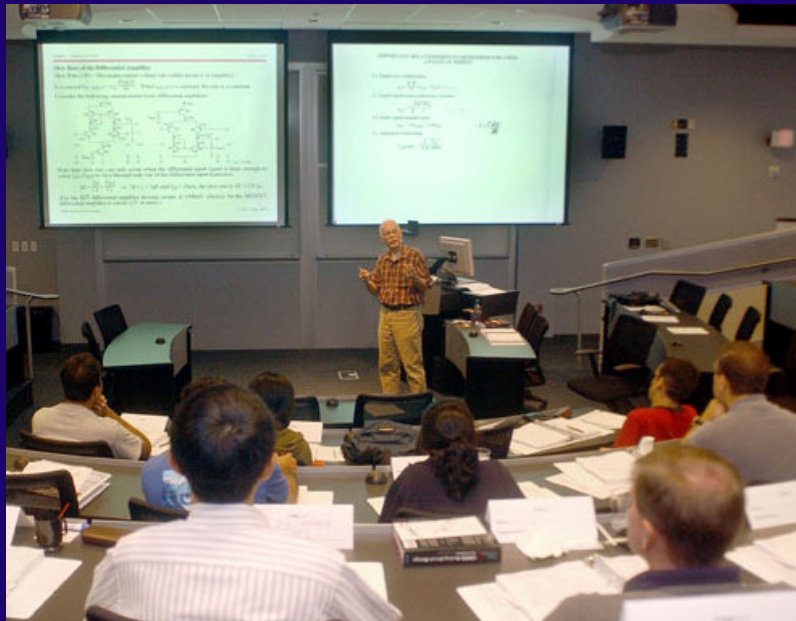
New space opens new horizons

Ford ES&T Building
Whitaker BME Building



Technology Square
Research Building

Enhancing the learning experience



Ford ES&T Building

U.A. Whitaker Building
Global Learning Center

Reshaping the past to serve the future

John S. Coon
Building



Future center for
undergraduates



Library West Commons

Going easy on the environment



⇒ Management Building wins LEED Silver certification



⇒ White roofs at Technology Square reflect heat



⇒ Ford ES&T has unique rainwater drainage system

New facilities for fun, fitness, and health



Campus
Recreation Center

Stamps Health
Services at the
Whitehead Building



Renovated stadia put Georgia Tech on par with other national programs

Bobby Dodd Stadium



Russ Chandler Stadium

Student body continues to grow

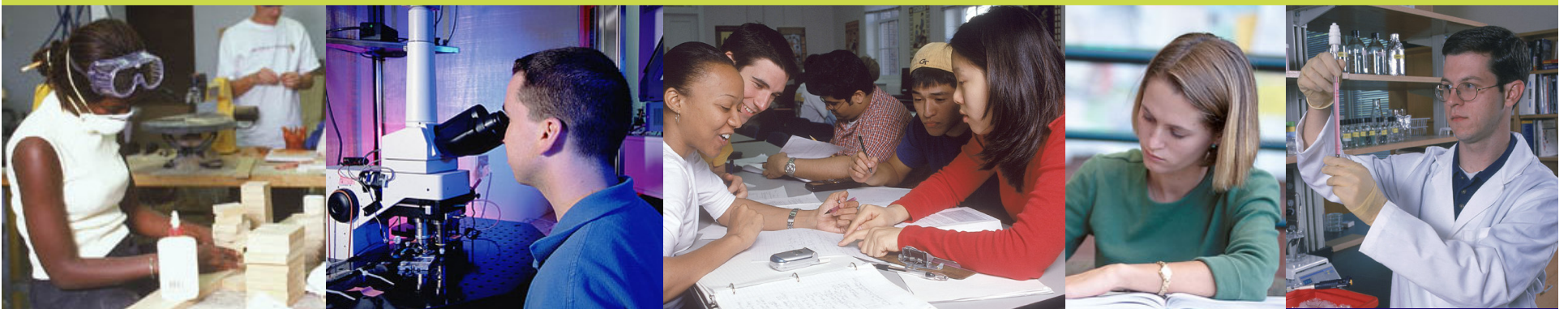
16,623 students enrolled this fall:

⇒ 11,240 under-
graduates

⇒ 5,383 graduate
students

⇒ 16,049 here in
Atlanta

⇒ 574 in Savannah,
France, Singapore,
or on-line



Four campuses on three continents



Global Learning Center



Georgia Tech-Lorraine



Georgia Tech-Singapore



Georgia Tech-Savannah

Accreditation review under way



Jack Lohmann, associate provost, College of Engineering, is coordinating the large-scale Institute-wide effort to renew accreditation. Preparations have been under way for a year.

New leaders: Future vision



Don Giddens
Dean of
Engineering



Rich DeMillo
Dean of
Computing



Steve Cross
Vice President
and Director
GTRI



Robert Snyder, MSE
Ken Knoespel, LCC



Larry McIntire, BME
Joseph Hughes, CEE



School Chairs



Diana Hicks, Public Policy
Jim Frederick, IPST



Faculty excel

Russell Dupuis, Electrical and Computer Engineering, received the National Medal of Technology from President Bush at the White House. Also honored was alumnus W. Jason Morgan.



Augustine Esogbue, ISyE, is one of nine experts tapped by NASA to lead its Aerospace Safety Advisory Panel, which was reconstituted after the Columbia Shuttle disaster and investigation.

Superstars light the way

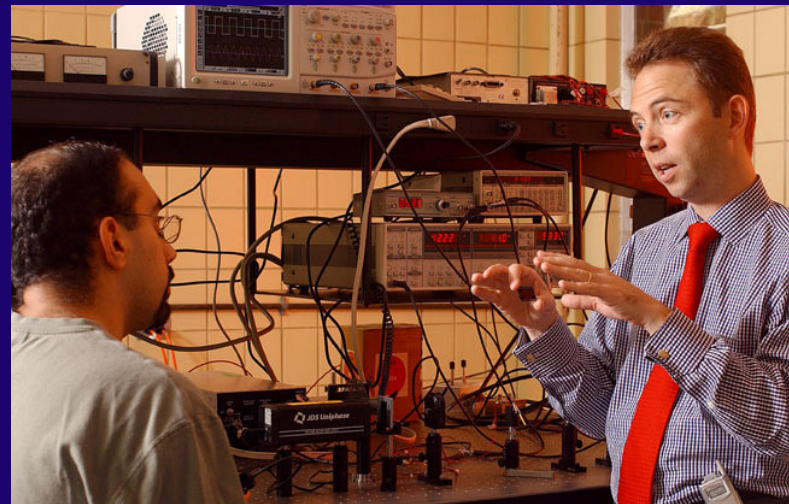
- ⇒ 25 members of the NAE (7th in the nation)
- ⇒ 11 NSF CAREER Awards last year; 83 total (2nd in the nation)
- ⇒ Endowed chairs filled:
 - Barbara Boyan, Price Gilbert Chair in Tissue Engineering
 - Russell Dupuis, Steve Chaddick Chair in Electrical and Computer Engineering
 - Catherine Ross, Harry West Chair in Quality Growth and Regional Development
- ⇒ 26 additional academic faculty positions

Organic photonics group



Tech's interdisciplinary research environment and outstanding students attracted four leading experts in organic photonics.

The photonics group brought Tech its 4th NSF Center of Excellence.



Research sets new records

Last year's all-time record highs:

\$375 million in expenditures

\$292 million in awards

188 invention disclosures

40 patents

This year is running ahead of last year:

7.4% increase in awards

19% increase in indirect cost recovery
(an indicator of expenditures)

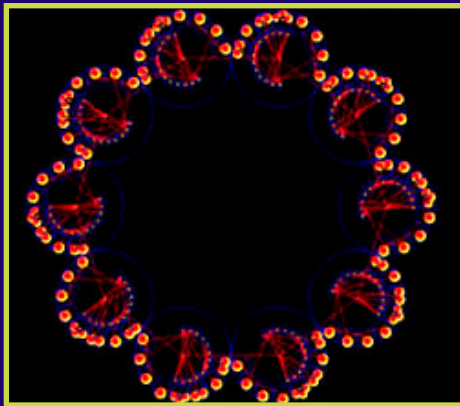


Breaking new ground



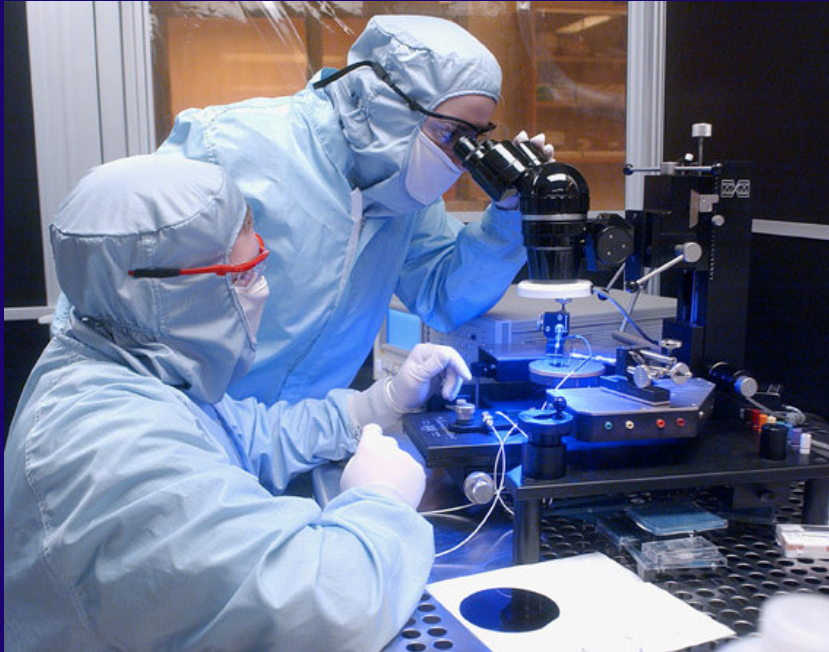
Nanobelts and nanowindmills have made Z. L. Wang one of the most widely published and cited nanotech experts in the world

Student Damien Gaudry demonstrates a robotic hand that can sign the entire alphabet – a tool to teach sign language



Researchers created the world's fastest detailed simulations of computer networks with over 5 million elements as a tool to design faster, safer, more reliable networks

The next big thing is very tiny



Governor Perdue is committed to fast-tracking funds for the Nanotechnology Research Center, already approved by Board of Regents.

The National Science Foundation has awarded its National Nanofabrication Infrastructure Network grant to a team of researchers from Georgia Tech, Cornell and Stanford.



Strong rankings hold

- ⇒ Top 10 public universities, 5th year in a row
- ⇒ 37th among all universities
- ⇒ Engineering in top 5, both graduate and undergraduate; most disciplines in top 10
- ⇒ Management 36th overall; strong sub-programs point to future progress
- ⇒ Strengths: academic reputation, student quality, faculty quality, alumni support